

64631-0031  
09/623,071

**IN THE DRAWINGS**

Submitted herewith are proposed drawing changes to Figures 3A-3F. Please enter these drawing changes into the official record of this application.

**IN THE SPECIFICATION:**

Please amend the following paragraphs as set forth immediately below in clean form. Additionally, in accordance with 37 CFR 1.121 (b)(iii), all paragraphs amended herein are set forth in a Marked Up Version on the sheets attached to this amendment.

**The Paragraph Spanning Lines 11-22 on Page 1 of the Specification:**

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A' Various methods of non-destructive testing and evaluation (NDT/E) of parts have been developed to detect subsurface defects in a part sample and to measure the depth of subsurface defects. These methods include step thermography, pulse thermography, and other thermographic techniques. All of these techniques involve deliberately changing the temperature of the sample, and observing the temperature change of the sample via an infrared (IR) camera as it returns to equilibrium temperature. Anomalous temperature changes that appear in the infrared camera image indicate subsurface defects in the sample; subsurface defects tend to impede the normal heat flow in the sample and will appear as anomalies in the image. Further, because the infrared image showing the defect is transient and may last for only a fraction of a second, the image must be captured (usually with a digital computer) and then verified against the actual sample to locate the exact position of the defect.